

AIM Ann Report
1934 to 1935

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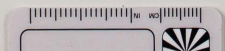
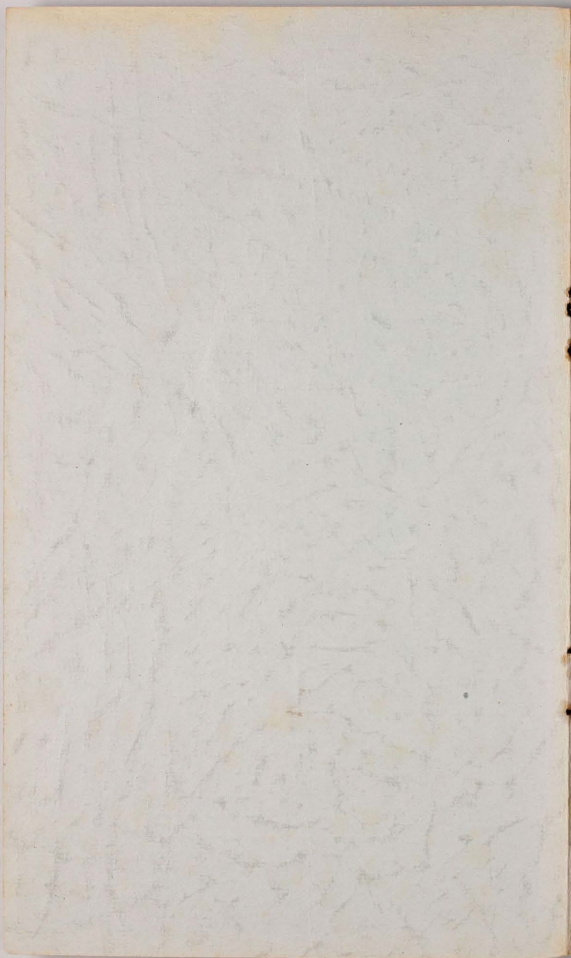
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ANNUAL REPORT
OF THE
AUCKLAND
INSTITUTE
AND MUSEUM
1934-35



For presentation at the Annual General
Meeting to be held on 15th May, 1935.

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AUCKLAND
1935.

AIM Ann Report 1934 to 1935

Staff of the Museum.

Director	GILBERT ARCHEY, O.B.E., M.A., F.R.S.N.Z.
Hon. Numismatist	J. C. ENTRICAN.
Hon. Curator of English China ..	C. REGINALD FORD, F.R.I.B.A.
Hon. Technical Assistant	W. K. HOUNSELL.
Assistant Director and Zoologist ..	L. T. GRIFFIN, F.Z.S.
Botanist	LUCY M. CRANWELL, M.A.
Ornithologist	R. A. FALLA, M.A.
Conchologist and Palaeontologist ..	A. W. B. POWELL.
Assistant Ethnologist	V. F. FISHER.
Associate Geologist	C. W. FIRTH, M.Sc.
Honorary Assistant	OLWYN M. RUTHERFORD.
Librarian	M. C. CLELAND.
Bookkeeper and Typist	MURIEL PORTER.
Typist	HEATHER GRAHAM.
Recorder	DOROTHY HESSELL.
Mechanic	EDWIN LEECE.
Taxidermist	C. W. DOVER.
Cabinetmaker and Joiner	FRANK QUAYLE.
Custodian	W. HAWKE.

Attendants:

E. PURDOM, J. L. DAVY, D.C.M., E. PIERARD, M. HOLDSWORTH,
J. STEWART.

OFFICERS
OF THE
AUCKLAND INSTITUTE
AND
MUSEUM
1934-1935

President:
SIR CECIL LEYS.

Vice-Presidents:
MR. H. E. VAILE.
MR. A. G. LUNN.
PROFESSOR H. W. SEGAR, M.A., F.R.S.N.Z.

Council:
MR. J. C. ENTRICAN. THE HON. SIR JAMES PARR,
K.C.M.G.
MR. C. R. FORD, F.R.I.B.A. MR. A. T. PYCROFT.
MR. W. A. FAIRCLOUGH. MAJOR-GEN. SIR GEO. RICH-
ARDSON, K.B.E., C.B., C.M.G.
MR. A. H. JOHNSTONE, K.C. SIR CARRICK ROBERTSON,
F.R.C.S.
SIR JOSEPH SMITH, C.I.E. PROFESSOR A. P. W. THOMAS,
M.A., F.L.S., F.R.S.N.Z.
MR. F. CROSSLEY MAPPIN.
MR. H. C. MCCOY.

Representatives of the Auckland City Council:
HIS WORSHIP THE MAYOR, G. HUTCHISON, Esq., C.M.G.
HON. T. BLOODWORTH, M.L.C. MR. A. J. ENTRICAN.
MR. J. B. PATERSON.

Representatives of Local Bodies:
MR. H. T. CLEMENTS. MR. S. W. HOUSE.
MR. J. C. RENNIE.

Trust Board:
PROFESSOR A. P. W. THOMAS, MR. A. G. LUNN.
Chairman.
SIR CECIL LEYS. MR. H. E. VAILE.

Director:
GILBERT ARCHY, O.B.E., M.A., F.R.S.N.Z.



TERRA-COTTA PANEL BY GEORGE TINWORTH.

Presented by Messrs. Doulton & Co. Ltd., and John Shorter, Esq.

Reports to Members.

President.

This is the Fifth Annual Report of the Institute since the opening of the War Memorial Museum on Domain Hill. The past year has been one of progressive activity, and for your information I shall outline as briefly as possible the principal matters affecting the institution and its members.

Membership.—There was an increase in total membership of 23. The number of Life Members at the end of the year was 160, and Annual Members 381. During the period there were removed from the roll by death 12; resignations 8 and deletions by the Council for various reasons 13. The accessions were 12 Life Members and 47 Annual Subscribers. A disquieting tendency to a reduction in the total has been arrested, and with improved times we may look forward to a steadily growing membership. In the development of this the active co-operation of all friends of the Museum is needed. Mr. H. E. Vaile and Mr. A. G. Lunn again deserve cordial thanks for their efforts in engaging the interest of new members, and in this work they have had the assistance of members of the Council and the President.

Obituary.—The losses from death during the year were less than in the preceding twelve months. I record with regret the passing of Sir George Fowlds, Messrs. G. Mackay, F. J. Bankart, W. Elliot, A. Clark, H. N. Gill, H. B. Moore, J. Robb, and P. C. Luckie.

Sir George Fowlds was a member of your Council. His life-long services to the cause of education do not require to be emphasised. On the Council he proved a valuable link between the Institute and University. Mr. Elliot will be remembered for his gifts to the city and more especially for the magnificent gates now in course of erection at the Hospital entrance to the Domain.

It is fitting that I should make a reference to the death of Dr. L. Cockayne, the most distinguished botanist New Zealand has known. It will be very difficult, if not impossible, to fill his place and to carry on the work that he did so ably.

Council.—Eleven meetings of the Council have been held during the year. The attendance has been invariably good. Mr. W. A. Fairclough was appointed to succeed Sir George Fowlds. Sir

AIM Ann Report

1934 to 1935

Carrick Robertson, Messrs. Mappin and Pycroft again organised several collecting trips which met with a considerable measure of success. As these expeditions are mainly into the most broken and inaccessible country, the amount of physical exertion as well as time involved leaves this institution very much in the debt of these gentlemen.

The resignation of Mr. Oliver Nicholson, for very many years a member of the Trust Board of the Museum, has to be recorded with regret. Messrs. J. C. Entrican and C. R. Ford, members of the Council, have continued their honorary curatorships.

Finance.—Revenue for the twelve months increased from £7,882 to £8,623 compared with the immediately preceding period, and expenditure rose from £7,720 to £8,560.

The large expenditure of £659 on the purchase of specimens includes payments for important gifts recorded in last year's report. These payments are offset by "donations" recorded in the present year's receipts. These cash gifts and those for prizes account for nearly all the increased revenue.

The large amounts of interest outstanding—£404/19/3—and of subscriptions unpaid—£72/9/—are causes for concern. The Council found it necessary to write off £60/7/6 of unpaid subscriptions that there appeared no possibility of recovering. It is hoped that improved economic conditions will shortly bring in arrears both of mortgage interest and members' subscriptions.

The Library expenditure has also been higher through our taking advantage of the sale of the widely-known Edge Partington Library to secure a complete set of the *Journal of the Anthropological Society* and a series of important books.

Expenditure on the school service and education is slightly higher, but general maintenance is lower, and the £66 expended on "prizes" were largely offset by donations for the purpose.

Museum.—The popularity of the Museum with the public grows steadily. The attendance during the year was 177,184, against 142,917 in the preceding year. This gives a daily average of nearly 500. Many valuable additions to the collections have been made, notably a handsome Chinese ivory carving given by Mr. V. J. Larner, and the Ngatiawa and Ngatitoa heirlooms presented by Miss Eleanor Brown and Mrs. Geo. Brownlee. Complete rearrangements have been made in 26 cases, and the staff are responsible for 60 new panel displays. An effort is made to regularly have something new on view to interest the general public.

Education.—One of the most important aspects of the Museum work is that concerned with education. The appointment by the Department of Mr. E. G. Jones, of the Auckland Training College staff, as an Educational Service Officer, has resulted in visits by 156 school classes, numbering in all 6,568 children, and, through co-operation of the Auckland Education Board, extended use of the loan exhibit cases. Keen appreciation of the educational work has been expressed by the Board and the Auckland Headmasters' Association. Mr. Jones' service has been made available, part time, by the Education Department during the coming year, but we have, unfortunately, no assurance of the continuance of this activity in the future. It would be a pity if the work should cease, as it is well worthy of continuing a regular feature of the State educational service. This is the case in parts of England, and both in that country and the United States large private gifts have been made for its endowment.

Apart from the work among school children, an immense number of enquiries of all sorts are answered by the staff. The Director informs me that "the stream of general enquiries has now become a flowing river, almost an inundation."

The War Memorial.—The adornment of the Hall of Memories by the provision of appropriate stained glass windows was mentioned in the last report. Designs were received from England by the Roll of Honour Committee of the Returned Soldiers' Association, but after earnest consideration it was decided that the designs were not altogether appropriate, and further enquiries are now being made.

As a result of the efforts of the High Commissioner, Sir James Parr, the Imperial War Museum has presented a Union Jack from the Cenotaph in Whitehall.

The Museum authorities have co-operated with the Returned Soldiers' Association for Anzac Day and Armistice Day ceremonies, which, each year, are attended by an increased number of citizens.

General.—The Museum was visited on December 24th by His Royal Highness the Duke of Gloucester, and the wreath of poppies that he laid on the Cenotaph on that occasion now reposes in the Hall of Memories.

An important visitor during the year was Dr. F. P. Keppel, President of the Carnegie Corporation of New York. It is hoped that as a result of his investigations a sum of money will be available for specified Museum activities.

AIM Ann Report

1934 to 1935

The Museum has lost a valuable friend in Lord Bledisloe, who rarely came to Auckland without spending some time in inspecting some section of the exhibits. We owe a gift of Maori weapons and ornaments from the British Museum to his representations.

An interesting gift was a sum of £50 by Mrs. R. M. Wilson to provide an annual Sir Edwin Mitchelson prize for the Children's Competition in connection with the Cheeseman Native Flower Show.

The Institute was represented at the Melbourne Meeting of the Australian and New Zealand Association for the Advancement of Science by Professor Bartrum and the Director. The Association has accepted an invitation to hold its next meeting in Auckland in January, 1937.

Members of contributing local bodies, together with other friends and helpers of the Museum, visited the Exhibition of Decorative Arts on November 20th by special invitation. They were entertained by the Boys' Ethnology Club, which gave an interesting display of string games, and by Museum films, the collection of which is steadily growing.

Staff.—I cannot do better than conclude this brief summary of Institute and Museum activities by a reference to the staff. From the Director down everyone is an enthusiast in his job, and it is the spirit of co-operation that exists and the love of the work that has made the achievements of the past year possible.

CECIL LEYS.

Chairman, Trust Board.

There have been five meetings of the Trust Board during the past year.

The Life Members' Subscription Account has been increased during the year by £126, making a total of £2,182/11/5.

A sum of £264/3/4 has been paid by the Trustees of the estate of the late Mr. S. J. Ambury, being principal and accrued interest on his bequest of £250. This sum has been placed to the Accumulating Endowment Fund established last year. The fund, with accrued interest, now stands at £292/0/7.

Premiums on conversion of Local Body Debentures and Inscribed Stock amount to £76/16/10; it has been ruled that these premiums shall be regarded as accretions to capital.

Mortgage income has been fairly well maintained, except in two cases where properties were sold and increased mortgages, to meet capital improvements, were arranged.

The total invested funds now amount to £29,692.

A. P. W. THOMAS.

Director.

Institute Meetings.—Ten evening addresses, six of which were delivered by visiting lecturers, were given during last winter's session.

Mr. Gilbert Archey, M.A.—"Maori Art: Its Origin and Development."

Professor P. W. Burbidge, M.Sc.—"Impressions of Other Lands."

Professor A. Wall, M.A.—"The Alpine Flora of New Zealand."

Mr. H. D. Dickinson, M.A.—"Some Material Bases of Culture."

Captain G. M. Turner.—"The Three Kings and Coastal Islands."

Captain G. M. Turner.—"Alaska and the Yukon," "Southern Norway," and "The Glory of the Thames."

Dr. J. W. Craven.—"The Romance of Medicine."

Dr. C. W. Parr.—"Temples and Palaces of Peking."

Dr. H. M. Moran.—"The Social Problem of Cancer, with Special Reference to Radiation."

Dr. H. H. Allan, M.A., F.R.S.N.Z.—"Moulding Plant Form (Some Recent Advances in Botany)."

Increased attendances of members were recorded for both the evening lectures and the ordinary meetings. One of the latter formed part of the Botanical Week of excursions and meetings arranged in connection with the Cheeseman Native Flower Show, and the others were conducted as joint meetings with the Astronomical and the Anthropology Sections. Contributors of papers were Mr. E. G. Jones, Mr. R. A. Falla, Mr. A. W. B. Powell, Mr. W. A. Fairclough, Professor P. W. Burbidge, Mr. George Graham, Mr. T. L. Lancaster, Dr. H. H. Allan, Miss L. B. Moore, Miss L. M. Cranwell and Miss E. B. Ashcroft.

Astronomical Section.—The Section, which now has a membership of 29, reports that it held nine meetings, at which papers and lectures were given by Professor Burbidge, Professor Segar and by Messrs. R. A. McIntosh, L. W. Wilson, G. B. Bell, C. H. Hinton, K. E. Bullen and E. G. Jones.

The Observatory has been open on fine Tuesday evenings under the direction of members of the Section. It is still situated in the Old Grammar School grounds, the Section having, so far, failed to secure funds to remove it to a better site. The telescope is in excellent order. The committee desires to thank the University College Council and Professor Burbidge for the continued use of the telescope and of the physics lecture room for meetings.

AIM Ann Report

1934 to 1935

Anthropology and Maori Race Section.—The Section reports a membership of 42. Nine meetings were held, at which addresses or papers were given by Mrs. R. Bennett, Miss O. Adams, Rev. W. Lawson Marsh, Mr. H. Hamilton, Mr. Jas. Rukutai, Mr. Geo. Graham, Mr. R. Donn and Mr. A. Porter.

The place of meeting was changed to the Institute and Museum Library, and the serving of light refreshments at the close of the proceedings provided an appropriate opportunity for members and visitors to meet and discuss the subjects presented in the papers.

Special features greatly appreciated by members were a round table discussion on the Cook Islands, a demonstration of primitive string games by the Boys' Ethnology Club, and a folk-lore discourse arranged by Te Akarana Maori Association, in which over 100 members of the Maori race took part.

Additions to the Collections.—Among the 1,500 ethnological accessions mention may be made of a fine old *hei tiki* presented by Rear Admiral Burges-Watson, an old stone bowl presented by the late Mr. T. Chamberlin Chamberlin, and a unique pendant given by Mr. H. Blomfield. Miss Eleanor Brown and Mrs. Geo. Brownlee presented the interesting collection of Ngatitoa and Ngatiawa tribal heirlooms which had been previously deposited in the Museum by their mother, Mrs. J. Brown. Mr. Mappin has given an exceptionally large *waka kereru* from the Urewera country; Mr. H. B. Williams has presented a large collection of adzes and fishing implements, and Mr. Hallyburton Johnstone has deposited a collection of greenstone and bone *hei tiki* and other ornaments.

In response to a recommendation made by His Excellency the Governor-General, the Trustees of the British Museum presented a number of *mere*, adzes and other Maori weapons and implements taken to England some years ago; we have also to thank the British Museum for a collection of antiquities of the earliest Mesopotamian civilization recovered during excavations at Tal Arpachiyah.

The beautiful Chinese carved ivory arm rest illustrated on the opposite page is the gift of Mr. V. J. Larnier, and another handsome gift to the oriental collection is a richly embroidered court official's dress presented by Dr. Geo. de Clive Lowe. Miss Stennett is the donor of several European and oriental antiquities, and a large terra-cotta panel by the well-known sculptor, George Tinworth, is the joint gift of Messrs. Doulton and Co. Ltd. and Mr. John Shorter, of Sydney. Three brass images of Buddha from the Shwe Dagon pagoda have been deposited by Mr. D. M. Campbell.



1.

1. CHINESE CARVED IVORY ARM REST.
Presented by Mr. V. J. Lerner.

2.

2. CHINESE CARVED ELEPHANT TUSK.
Mr. H. S. Dadley Collection.

AIM Ann Report

1934 to 1935

Important natural history accessions are the herbarium of the late Mr. H. B. Matthews, given by his sons, Messrs. R. B. and G. Matthews, a collection of mollusca presented by Mr. N. H. Goulstone, a set of mounted heads of big game animals given by the Commissioner of Parks, Toronto, and gifts from Messrs Edgar F. Stead, W. O'Connor and K. S. Graham.

Mr. P. H. Hayward has given the cinema film of the Maori reception to the Prince of Wales at Rotorua in 1921, and, through the interest of the Hon. Sir James Parr, we have received, from the Imperial War Museum, a Union Jack from the Cenotaph in Whitehall.

Special Exhibitions.—In the exhibitions held last year, the Museum endeavoured to share in certain community interests and activities, as well as to display specimens. Natural History and Yachting in Auckland was the subject of an extensive exhibition of specimens and photographs, many of the latter from the Winklemann collection, arranged in September by Mr. Powell and Mr. Falla. It was opened at an evening function by Mr. James Frater, Commodore of the Royal New Zealand Yacht Squadron. Early in the year a competition was announced for decorative designs derived from native plants and animals. Ninety entries were received, among them some of outstanding merit. The Council gave £5/5/- in prizes, and other prizes were generously given by the President (£10), Messrs. Wilsons Portland Cement Ltd. (£17/10/-), Messrs. J. W. Tattersfield Ltd. (£10/10/-), Sir Michael Nairn (£10), Lyceum Club (£5), Society of Arts (£2/2/-), and Messrs. Whitcombe and Tombs (£2/2/-).

The displays entered by secondary school pupils for the Cheeseman Memorial Prizes, although rather few in number, displayed careful study and originality. The Cheeseman Memorial Spring Flower Show with its combined school children's competition repeated its former successes and was followed by an attractive seasonal display of Australian flowering gums (eucalypts).

Sunday Afternoon Lectures.—The winter series of Sunday afternoon lectures attracted attendances which taxed the accommodation in the library to the utmost.

The lectures were:—

Miss L. M. Cranwell, M.A.—“Plant Gems of the North Island.”
Mr. A. W. B. Powell.—“Uses of Shellfish Ancient and Modern.”
Mr. E. G. Jones, M.Sc.—“Comets.”

Mr. G. Archey, M.A.—“Our Curious Native Frogs.”

Mr. R. S. Wright.—“Natives of Tanganyika.”

Captain G. M. Turner.—“The Three Kings and Coastal Islands.”

Miss M. Crookes, M.A.—“By Kandavu Shores.”

Dr. C. W. Parr.—“Temples and Palaces of Peking.”

Mr. A. W. B. Powell.—“Marine Life of the Auckland Harbour.”

The average attendance was 229.

To all lecturers, both at the afternoon and the Institute evening lectures, our appreciative acknowledgments are due. Several of them kindly contributed to both series; while Captain Turner, whom we shall be glad to welcome again this year, gave no less than four addresses and film screenings during his visit to Auckland.

General.—The attendance at the Museum during the past year shows a very satisfactory increase, from 142,917 in 1933-4 to 177,184, an average of 3,407 per week.

Field study and collecting have again been profitably undertaken. Mr. Mappin, Sir Carrick Robertson, Mr. Pycroft and the Director again added to the valuable Moa collection that has been made during the past five years; Mr. Falla and Mr. Powell, by invitation of Captain G. M. Turner and the Marine Department, visited Stewart Island and the West Coast Sounds; Miss Cranwell investigated the Hen and Chicken Islands and the vegetation of the Rukuhia swamp, and Mr. Fisher carried out excavations of Maori village sites in the Coromandel district.

Members of the staff completed eleven scientific papers during the year. The following appeared in No. 5 of the “Records,” issued in July:—

Miss L. M. Cranwell and Miss L. B. Moore.—“Induced Dominance of *Microlaena avenacea* (Raoul) Hook. f. in a New Zealand Rain-Forest Area.”

Mr. L. T. Griffin.—“Description of a Rare Lophotid Fish from Cape Runaway, New Zealand.”

Mr. R. A. Falla.—“The Distribution and Breeding Habits of Petrels in Northern New Zealand.”

Mr. A. W. B. Powell.—“Upper Pliocene Fossils from Cape Runaway.”

Mr. V. F. Fisher.—“The Material Culture of Oruarangi, Mata-toki, Thames. I.—Bone Ornaments and Implements.”

AIM Ann Report

1934 to 1935

Nearly 4,000 enquiries were answered and 113 public lectures and broadcasts were given by the staff (Miss Cranwell 18, Mr. Falla 37, Mr. Jones 18, Mr. Fisher 16, Mr. Powell 9, and the Director 15).

Three new cinematograph films were completed and over 200 lantern slides prepared. We now have thirteen films and over 2,500 lantern slides available for lectures and for the school service, in which constant use is made of them.

The extensive additions to the collections have made their proper arrangement and storage an urgent duty, and in every department marked progress has been made with this important basic work. The Cheeseman herbarium specimens are now all mounted; the mollusca (the collection contains over 15,000 species) are all arranged in uniform trays; the bird additions are in order in a new cabinet; the fishes also have been completely rearranged, and the numerous ethnological accessions have been catalogued. A new cabinet for stone implements is urgently required and will be provided during the coming year; extra accommodation for the rapidly growing entomological collections is also planned.

In the exhibition halls rearrangements of the specimens have been made in 26 cases and include 60 new panel exhibits. Much of this work remains to be undertaken, but the repeated calls made on the staff to answer enquiries, to furnish reports on scientific matters and to deliver public lectures prevent anything more than steady progress being made in the meantime in extending and improving the display.

GILBERT ARCHEY.

Assistant Director.

A number of additions were made to the fishes collection during the year, the most important being a fine series of tropical fishes from Rarotonga, donated by Mr. Graham, a fine specimen of a rare species of Tunny presented by Mr. S. Ellis, and specimens of the giant Conger eel received from Christchurch.

Most of the above, together with a collection of all the known New Zealand species of the family *Gobiidae* presented by Dr. Buck, have been critically examined and card indexed.

An exhibit of jaws was prepared to illustrate the feeding habits of various forms of marine fishes, and casts of a giant Conger eel, a skate, and a large tunny were made by Mr. Dover. The study collection of purely New Zealand fishes comprising some hundreds of specimens was entirely overhauled, each specimen being labelled with aluminium tags and re-bottled.

In the Oriental section the Tisdall collection of ancient Persian silver coins was mounted and placed on exhibition. Most of the Dadley collection was also re-arranged, catalogued and ticketed.

Two cases illustrating the English coinage were added to the European Arts section, and a considerable amount of time was devoted to the arrangement of the Decorative Arts Exhibition held in the Museum.

A paper, being a revision of the fresh-water and marine eels of New Zealand, with 15 plates, was prepared during the year, and is now ready for publication.

Routine duties included the general attention to the Museum during the absence of the Director, the identification of 190 fishes and other objects, 213 personal interviews, 133 enquiries by telephone, 44 letters of a technical character, 326 index cards and labels, and a considerable amount of photographic work of a special character.

L. T. GRIFFIN.

Education and School Service.

During the past year, as a result of the appointment of a full time Education Officer, attached to the staff of the Museum, the educational and schools' service of the Museum has been considerably extended. This year the Education Officer is only available for the afternoon of each week day.

Three new school cases were constructed during the year and several new boxes of specimens set up, making a total of 33 cases and 10 boxes of specimens available for use in the schools. These cases and boxes were distributed among 62 schools, including 48 city, 9 suburban and 5 country schools. The Auckland Education Board paid the cost of transport for the fortnightly interchange of cases and boxes among city schools.

Visits to the Museum for organised work taken, for the most part, by the Education Officer were made by 156 school classes, totalling 6,568 children, from city, suburban and country primary and secondary schools. The work included examination and discussion of Museum specimens, lantern slides and cinema films.

The Education Officer paid 41 visits to schools and, in addition, devoted 7 mornings or afternoons to field work in nature study with school classes.

For the purpose of interviewing the Education Officer, 105 teachers visited the Museum. In addition, 156 teachers accompanied classes visiting the Museum, making a total of 261 teachers who visited the Museum.

AIM Ann Report

1934 to 1935

During the year 46 enquiries of general scientific interest were answered and 153 nature study specimens identified. This work was done, mostly on behalf of teachers, by the Museum staff through the Education Officer. The Education Officer gave 18 lectures to adult groups, and, in addition, 4 lectures to teachers' organisations.

Broadcast talks from Station IYA, in conjunction with Educational Broadcasting to Schools, were given by four members of the Museum staff and the Education Officer. Each series of talks involved the preparation of illustrative material for the Broadcast Booklet.

Four children's clubs, with a total membership of 56, conducted by members of the Museum staff, have carried on their activities during the year.

Junior and senior classes of children from the Blind Institute attended the Museum regularly for one afternoon in each alternate week for nature study work.

Two competitions for school children were organised by the Museum. Entries totalled 109, and 29 prizes were awarded.

Several teachers borrowed Museum lantern slides, cinema films and Museum material for use in their schools. These slides and films are always available for loan to schools which have the necessary facilities for using them. Such schools are, however, comparatively few.

The scope for education and school service by the Museum is almost unlimited, and, with increased facilities, much additional very valuable work could be done.

E. G. JONES.

Botanist.

We were most fortunate in receiving the H. B. Matthews Herbarium, particularly rich in orchids and rarer plants of the Auckland Province. Apart from Dr. H. H. Allan's gift of 74 species of lichens (17 newly described) most of the remaining New Zealand material was obtained by personal collecting. The Pitcairn and Rarotongan collections were further enriched by accessions from Miss Ross, Miss Edythe Mathews and Mr. J. Graham.

Amongst gifts of economic interest were specimens of sugarcane (Colonial Sugar Co.), wine-grapes and their products (Mr. A. A. Corban), tea (J. Royce and Co.), and N.Z. grown wheats (Lincoln Agriculture College). These were incorporated in four

new displays. A fifth was devoted to native composites of the high mountains. In all 170 new labels were prepared. On the other hand over 500 new descriptive labels were used for temporary exhibits, mainly for the third Cheeseman Memorial Spring Show of Native Flowers, which lasted from October 6th-11th. The attendance of 5,991 speaks for the growing popularity of this annual event. Children's entries alone filled the Native Bird Hall, and it was possible through the generosity of friends of the Museum to distribute 19 books on New Zealand plants as prizes amongst the 95 entrants. Especially gracious was Mrs. R. M. Wilson's donation of £50 for future awards as the Mitchelson Prize in memory of her father's association with Mr. Cheeseman. Much interest was shown in the voting for a national flower; other innovations included displays of paintings of native flowers on china (Mrs. A. T. Pycroft), of native dyes (Kaitia Women's Institute), of 100 native plants in pots (Mrs. J. W. Tattersfield and Mr. J. Johnston), and of an attractive rockery (arranged by Mr. J. Kealy) showing the decorative value of smaller plants. Grateful thanks are offered to these helpers and to Mrs. A. R. Pickmere, Miss N. Mackie, Dr. H. H. Allan, Mr. K. Mackenzie, Dr. H. Chatfield and Messrs. N. Potts, J. E. Attwood, K. Thompson, W. Long and L. Donaldson for valuable assistance.

Other work intended to interest children included 5 wireless talks, 3 open air lectures (one of them to 1,100 children of the Otahuhu District on Arbor Day), 2 field days (one at Rangitoto attended by 70 children), and 50 popular articles on New Zealand plants. Following on repeated requests for information about ragwort, 8,000 copies of an illustrated leaflet (planned at the end of 1934) were sent out to northern schools just ahead of the flowering season. This was done with the support of the Education Board, the County Councils and certain Auckland merchants.

Ten lectures were given to adults, and a short series of notes on Maori uses of plants contributed to the Journal of the Women's Institutes. Inspections of Kauri Gully and a Pukekohe reserve were made, and the ravages of animals on Rangitoto demonstrated to the governing body (this in the capacity of honorary botanist).

In January the mounting of the Cheeseman Herbarium was at last completed and a start made on the Matthews collection. This was probably the lengthiest part of the year's work, apart from answers to enquiries for identifications, etc. These averaged 60 per month. Of the little time available for field work, three days were spent in Waipoua and Trounson forests, four days on the peat swamps of the Waikato, one day on Pirongia Mountain, and one week at the Hen and Chickens Group.

AIM Ann Report

1934 to 1935

The following paper was published in association with Miss L. B. Moore, M.Sc.:—"Microlaena avenacea (Raoul) Hook. f. in a New Zealand Rain-forest Area," Rec. Auckland Mus., Vol. 1, No. 5, and an account of the plant cover of Hen Island prepared for Rec. Auckland Museum, Vol. 1, No. 6. A further joint paper on the occurrence of Kauri at high altitudes was accepted by the editor of the Journal of Science and Technology. In addition a paper entitled "Notes on *Pandorea Traversii*" was read at an Ordinary Meeting held during the "Botanical Week" in October. Miss L. B. Moore, Miss B. Ashcroft, M.Sc., Dr. H. H. Allan and Mr. T. L. Lancaster, M.Sc., also read botanical papers at this meeting.

L. M. CRANWELL.

Ornithologist.

The total number of specimens added during the year to the bird collections is 260. This includes collections of native bird skins acquired by purchase, and that of Mr. F. O. Peat, presented through the Hon. Minister of Internal Affairs. A special effort to complete the collection of introduced birds, with their nests and eggs, has been greatly assisted by Messrs. E. F. Stead and A. C. O'Connor. The valuable specimens sent in from different parts of the North Island by their finders include a Red Phalarope from Mrs. H. Thompson, Hawke's Bay, and a Pomarine Skua from Mr. A. B. Deeming, Bay of Islands. Mr. B. L. Chambers has added to earlier gifts by depositing 350 photographic negatives of Natural History interest made by the late Mr. J. C. McLean.

The most notable addition in the Entomological Department is the gift by Mrs. Chadwick of a fine collection of New Zealand moths and butterflies made by the late Mr. H. Chadwick. Several collectors have also made generous donations of specimens, and the collection has outgrown the accommodation at present available.

A number of changes have been made in the exhibition halls. By the addition of young birds, nests, eggs, photographs, and associated vegetation, the life histories of many of the native birds are now more fully illustrated. Some improvement has also been effected by the removal of upper shelves in cases and attaching specimens to the back of the case.

Heads of Canadian Mammals presented by the Commissioner of Parks, Toronto, have been displayed at one end of the Hall of Foreign Natural History. A section of the special exhibition,

"Natural History and Yachting," was prepared to illustrate sea-bird life in the Hauraki Gulf. This included a fine series of water-colour drawings of native birds, by Mr. Dover, as well as several of his attractively mounted birds.

The reference collection of birds is now conveniently accommodated in the new cabinets made by the Museum cabinetmaker. Plans for the re-classification and storage of the insect collections were prepared by Mr. C. Geissler, who was also engaged to mount a large number of specimens.

An extensive southern collecting trip in the spring enabled field work to be carried out in Wellington, Canterbury, North Otago, Southland, Stewart Island and the West Coast. Collections and field notes of importance have been thus obtained, and much of this was due to the courtesy and assistance of the Hon. Minister for Marine and Internal Affairs, and of Captain G. M. Turner, of Stewart Island.

A paper on the distribution and breeding habits of petrels was published in part five of Volume 1 of the Records of the Auckland Institute and Museum. Special reports involving research were prepared for the Marine Department, Department of Internal Affairs, Auckland Acclimatisation Society, Auckland Zoological Society and St. John's Ambulance Association.

Thirty-seven lectures given during the year included seven broadcasts in the Educational Sessions from 1YA. Ten classes were held for pupils from the Jubilee Institute for the Blind, and a Boys' Natural History Class held weekly throughout the year. Three cinematograph films were completed and 50 lantern slides made.

732 enquiries were dealt with, a considerable increase over last year, due probably to the extension of the school service and the abnormal abundance of conspicuous insects in the hot summer of 1934-5.

R. A. FALLA.

Conchologist and Palaeontologist.

The collections of Recent and fossil mollusca and of marine invertebrates have been enriched by a long list of accessions, the outstanding items being:—

- (1) An extensive collection of New Zealand Mollusca, collected and presented by Mrs. Eleanor Flinn.

AIM Ann Report

1934 to 1935

- (2) A large and important collection of Mollusca, mainly from New Zealand, Norfolk Island and Hawaiian Islands, collected and presented by Mr. N. H. Goulstone.
- (3) A large collection of mollusca from India, Ceylon and Tahiti, presented by Mrs. E. B. B. Boswell.
- (4) Collection of mollusca from Falkland and South Shetland Islands, presented by Mr. A. G. Bennett.
- (5) An extensive collection of Tertiary foraminifera, secured during the course of a geological survey of Gisborne, presented by the Vacuum Oil Company. This collection is now in Dunedin for the purpose of a report by Dr. H. J. Finlay.
- (6) Numerous species of New Zealand Tertiary mollusca, presented by Dr. C. R. Laws.
- (7) Field trips to Stewart Island, Southland, West Coast Sounds, and North Auckland, resulted in the collecting of a large amount of valuable material, including a number of new species.

A new exhibit, illustrating the dentition of shellfish, by means of diagrams and photomicrographs, has been installed in the shell gallery, and 130 additional species have been placed on exhibition.

With the assistance of Mr. A. G. Stevenson, a further lot of 1,075 species has been labelled and arranged in the reference collection. There are now on show in the Museum 1,213 named species of mollusca, and 15,359 in the reference collections.

A special exhibition, "Yachting and Natural History in Auckland," was held in September, over 400 photographic enlargements of yachts being shown, in conjunction with natural history exhibits relevant to the Auckland Harbour and Gulf. The exhibition was well attended, there being over 2,000 people present on Sunday, the 2nd of September.

In addition to five public lectures, eleven classes have been held for children from the Institute for the Blind, and four talks on "Local Shellfish" have been given under the educational broadcasts to schools scheme. Also, weekly classes have been conducted for the Boys' Natural History Club, and a senior club, the Museum Conchology and Marine Natural History Club, has been formed, meeting fortnightly, the membership for the latter being thirty-three.

The following papers have been completed during the year:—

"Five New Species of Pelecypod Mollusca from New Zealand."

"The Land Snail Fauna of the Three Kings Islands."

Further progress has been made both with the ecological survey of the Waitemata Harbour, and the report on the mollusca dredged in New Zealand waters by the Royal Research Ship "Discovery II."

Four hundred and fifty photographic enlargements from the negatives in the Winkelmann Collection were made for the special exhibition, and 150 lantern slides were prepared for lectures.

Supervision of the printing of part five of Volume 1 of the Records of the Auckland Institute and Museum, published on July 18th, entailed considerable work.

Opportunity was taken, during the trip to Stewart Island in November, for making further investigations at Sumner on behalf of Professor Edgeworth, of Bristol, for the purpose of securing further material for his elephant-fish researches.

During the year an increasing number of enquiries was dealt with, the total being 775. Of this number, 205 more than the previous year, many entailed correspondence and identification of specimens. In one instance 117 species of mollusca from the Solomon Islands were identified.

A. W. B. POWELL.

Assistant Ethnologist.

Additions to the collection numbered 1,539. Outstanding Maori specimens were a stone pendant presented by Mr. A. Blomfield, and a stone bowl from Mr. T. Chamberlin Chamberlin. Messrs. H. Broomfield and H. B. Williams both presented collections containing a variety of Maori articles. Mr. H. E. Maude presented some interesting specimens from the Gilbert Islands.

Two large cases were arranged in order to exhibit the Goodfellow Collection from Northern Melanesia. Important additions were made to an auxiliary case displaying Maori pendants, and many other sections improved by the addition of further specimens, involving re-arrangement and labelling.

Miss O. M. Rutherford arranged further exhibits in the New Guinea section, altered the Matty Island and New Ireland cases, and prepared a new exhibit displaying Rennell Island material.

The Boys' Ethnological Club has 20 members in the senior group and 6 in the junior group. The club's activities, in addition to regular weekly meetings, included a field day, a demonstration of "Primitive String Games" before the members of the Anthropology

AIM Ann Report

1934 to 1935

Section, and also a week's camp held at Muriwai. Sixteen outside lectures were delivered, in addition to eight classes conducted for the Institute for the Blind, and a series of five educational broadcasts on Maori life. In connection with the broadcasts, a summary of the talks was prepared for publication in the broadcasting booklet. Many specimens were borrowed by school teachers and others in order to illustrate lessons and lectures. Sets of notes were prepared in connection with material sent to schools. The collection of lantern slides has been improved by numerous additions, a necessity owing to the increasing demand for the loan of slides.

In connection with the study collections, considerable time was spent sorting, examining and storing the Goodfellow Collection of Melanesian ethnographical specimens. The fine series of Solomon Island adzes in the above collection was temporarily stored, pending the erection of suitable cases.

Much re-arrangement was necessary in the sections devoted to Santa Cruz, New Hebrides, and New Britain. Alterations were carried out in the Solomon Island section. Amongst the Maori collections, the greenstone specimens and fishing tackle have been made more readily available for study purposes.

Field work has been prosecuted in the Whangaroa, Kaipara, Mercury Bay and related districts. As a result many specimens were obtained, besides much valuable information.

A paper entitled "The Material Culture of Oruarangi, Matatoki, Thames. 1. Bone Ornaments and Implements," was published.

Enquiries totalled 257, many of which involved considerable work.

V. F. FISHER.

Associate Geologist.

Work during the year has been largely confined to revising the cases in the Hall of New Zealand Geology. Introductory and general displays dealing with mineralogy, stratigraphy, igneous rocks and gold mining have been finalised. Supplementary district displays of special interest to these main divisions of the subject are now being proceeded with as time and material permit.

Maps, diagrams and photographs have been produced and are being used liberally in conjunction with specimens.

Forty enquiries were dealt with during the year, involving the identification of 94 mineral and rock specimens. In addition, several small and one large collection of over 400 specimens have been received and inspected. Although most of these specimens are too small for general Museum display, they will provide useful material for school exhibits.

General field trips covering the district within a radius of 30 miles of Auckland have been undertaken with a view to obtaining a systematic collection of specimens and photographs for a comprehensive treatment of the geology of our immediate environs. Further work in this connection has still to be done.

C. W. FIRTH.

Library.

There has been an expenditure of £479 on the library during the year; this includes £307 for the purchase of books, £128 for periodicals and £44 for binding.

A complete set of the Journal of the Royal Anthropological Institute and many early New Zealand publications were obtained from an important library offered for sale.

One hundred and fifty-two books have been purchased, and 49 have been received by gift, making a total of 201 additions for the year. A detailed list of the donors is given in the Appendix; special reference, however, should be made to the gifts from time to time of many books of interest by Mr. C. J. O'Keeffe and Mr. H. R. Hyatt, also to the Discovery Committee for its valuable publications.

By subscription we receive annually 42 publications, and there has again been a gratifying increase in exchanges with Societies, Museums and other Institutions which is mainly attributed to the publication of our "Records"; during the year we received publications from 135 Dominion and overseas Societies. There has also been a generous response for missing parts of publications.

Although the number of members using the Library has again increased, there must still be many unaware of the interesting reading and useful reference to be found on its shelves, and it is hoped that the number of borrowings may rapidly become much greater.

MARSHALL C. CLELAND.

The following
Periodicals and Publications of Societies
are subscribed to by the Institute:

NATURE.
DISCOVERY.
SCIENCE PROGRESS.
REPORT OF THE BRITISH ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE.
TRANSACTIONS AND PROCEEDINGS OF THE ROYAL
SOCIETY.
COMPTES RENDUS DES SEANCES DE L'ACADEMIE DES
SCIENCES.
NEW ZEALAND JOURNAL OF SCIENCE AND TECHNOLOGY.
THE MUSEUMS JOURNAL.
THE PHILOSOPHICAL MAGAZINE.
THE AMERICAN JOURNAL OF SCIENCE.
THE PHYSICAL REVIEW.
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL
SOCIETY.
JOURNAL OF THE CHEMICAL SOCIETY.
ARCHIV DER PHARMAZIE.
MONATSHEFTE FUR CHEMIE.
THE INDUSTRIAL CHEMIST.
THE GEOLOGICAL MAGAZINE.
QUARTERLY JOURNAL OF THE GEOLOGICAL SOCIETY.
THE GEOGRAPHICAL JOURNAL.
ANNALS AND MAGAZINE OF NATURAL HISTORY.
ANNALS OF BOTANY.
JOURNAL OF BOTANY.
DAS PFLANZENREICH.
TRANSACTIONS AND PROCEEDINGS OF THE ZOOLOGICAL
SOCIETY.
THE ZOOLOGICAL RECORD.
PUBLICATIONS OF THE RAY SOCIETY.
THE IBIS.
MAN.
JOURNAL OF THE ROYAL ANTHROPOLOGICAL INSTITUTE.
ANTIQUITY.
JOURNAL OF EGYPTIAN ARCHAEOLOGY.
OCEANIA.
JOURNAL OF THE POLYNESIAN SOCIETY.
TE WANANGA.
ART IN NEW ZEALAND.
MIND.
THE ECONOMIC JOURNAL.
THE ECONOMIC RECORD.
JOURNAL OF THE STATISTICAL SOCIETY.
QUARTERLY JOURNAL OF THE ROYAL METEOROLOGICAL
SOCIETY.
THE JOURNAL OF ECOLOGY.
MANKIND.

The Auckland Institute and Museum is an educational institution which gives free service to the whole community throughout the year.

Money is urgently needed to widen its activities and increase its service to the community by the spread of knowledge among present and future citizens.

If additional help cannot be given now, a bequest would be of great value.

Form of Bequest

I give and bequeath to the Institution known as the Auckland Institute and Museum the sum of £..... free of succession or estate duty to be applicable for the general purposes of such Institution. And I declare that the receipt of the Treasurer or the proper officer for the time being of such Institution shall be a sufficient discharge for the same.

AIM Ann Report
1934 to 1935

During the Year Ended 31st March, 1935.

During the Year Ended 31st March, 1935.

To	£	s.	d.	By	£	s.	d.
Balance	1,175	2	8	Salaries and Wages	5,250	15	7
Subscriptions	364	17	6	Insurance	46	5	1
Subscriptions in Advance	9	9	0	Library Expenditure	479	5	4
Life Members	126	0	0	Institute Expenses	96	0	6
Interest—				Specimens—			
Mortgage	1,033	4	11	Purchase	659	13	3
Debenture	389	19	8	Collecting and Travelling Expenses	158	13	7
Inscribed Stock	8	4	0	Preserving and Display Expenses	146	5	1
New Zealand Insurance	39	5	4	School Services Publications	300	14	8
Contributions from Local Bodies	5,750	0	0	School Prizes	66	0	0
Sundry Receipts	86	14	3	General Maintenance	470	1	4
Donations	702	12	6	Buildings—			
Accumulating Endowment Fund	264	3	4	Additions	42	11	5
Receiver Land Revenue—Rent	33	16	8	Maintenance	69	3	0
Premiums on Conversion of Local Body Debentures	76	16	10	Sundry Expenses	123	14	2
Mitchelson Prize Fund	50	10	0	Show Cases and Furniture	179	13	9
Contributions—Specimen Purchase	52	5	4	Auckland Museum Maintenance Amendment Act, 1931 (Sec. 37) Entertainment Excess	18	14	2
Contributions—Shrine Account	26	15	3	Sundry Debtors for Interest	11	18	5
				Transfers			
				Building Reserve	200	0	0
				Specimen Reserve	25	0	0
				Life Subscription Account	126	0	0
				Museum Endowment Account	76	16	10
				Specimen Purchase	12	5	4
				Shrine Account	26	15	3
				Accumulating Endowment Fund	272	0	7
				Mitchelson Prize Fund	50	10	0
				Balance	1,238	1	0
	£10,189	17	3		£10,189	17	3

INCOME AND EXPENDITURE ACCOUNT.

	£	s.	d.		£	s.	d.
To Salaries	5,250	15	7	By Subscriptions	426	6	0
" Insurance	46	5	11	" Life Members	126	0	0
" General Maintenance	471	2	10	" Interest Mortgages and Debentures	1,431	14	6
" School Services and Education	85	9	7	" Memorial Hall and Specimen Purchase	79	0	7
" Institute Expenses	98	1	9	" Rents R.L.R.	33	16	8
" Sundries	141	19	2	" Contributions from Local Bodies	5,700	0	0
" Building Maintenance	69	3	0	" Donations	649	14	0
" Subscriptions Written Off	60	7	6	" Sundry Receipts	100	12	4
" Adjustments of Mortgages: Interest Written Off	83	14	7				
" Transfers—							
Life Subscription Capital Account	126	0	0				
Memorial Hall Trust Fund	26	15	3				
Specimen Purchase	52	5	4				
Depreciation Building	1,095	15	10				
Depreciation Furniture	720	16	4				
" Balance	218	11	5				
	£8,547	4	1		£8,547	4	1

MUSEUM ENDOWMENT ACCOUNT.

	£	s.	d.	£	s.	d.		£	s.	d.	£	s.	d.
To Transfer to Income and Expenditure Account				33	16	8	April 1st, 1934—By Investments	13,115	0	0			
" Balance at 31/3/1935—							" Cash at Bank	159	2	10	13,274	2	10
Investments	13,565	0	0				March 31st, 1935—						
Cash at Bank	191	3	3				By Receiver of Land Revenue—						
	13,756	3	3				Rent and Interest				33	16	8
Less Reserve for Depreciation	271	5	5				Premiums on Conversion of Local				76	16	10
				13,484	17	10	Body Debentures				133	18	2
				£13,518	14	6	Adjustments of Mortgages						
											£13,518	14	6

LIFE MEMBERS' SUBSCRIPTION ACCOUNT.

	£	s.	d.	£	s.	d.		£	s.	d.	£	s.	d.
To Balance, 31/3/1935—							By Balance, 1/4/1934—						
Investments	2,056	0	0				Investments	2,056	0	0			
Cash at Bank	126	11	5				Cash at Bank	11	5				
				2,182	11	5					2,056	11	5
							.. Transfer from Income and Expendi- ture Account				126	0	0
				£2,182	11	5					£2,182	11	5

MACKECHNIE LIBRARY BEQUEST ACCOUNT.

	£	s.	d.		£	s.	d.
March 31st, 1935—				April 1st, 1934—			
To Receipts and Payments Account	102	18	0	By Balance	12	4	4
.. Balance	12	11	7	March 31st, 1935—			
				By Interest	103	5	3
	£115	9	7		£115	9	7

SIR JAMES GUNSON TRUST ACCOUNT.

	£	s.	d.		£	s.	d.
March 31st, 1935—				April 1st, 1934—			
To Balance	171	11	2	By Balance	166	11	6
				March 31st, 1935—			
				By Interest	4	19	8
	£171	11	2		£171	11	2

MEMORIAL HALL TRUST FUND ACCOUNT.

	£	s.	d.		£	s.	d.
March 31st, 1935—				April 1st, 1934—			
To Balance	154	12	3	By Balance	124	2	7
				March 31st, 1935—			
				By Transfer	26	15	3
				Interest	3	14	5
	£154	12	3		£154	12	3

SPECIMEN PURCHASE FUND.

	£	s.	d.		£	s.	d.
March 31st, 1935—				April 1st, 1934—			
To Balance	91	13	0	By Balance	38	4	10
				March 31st, 1935—			
				By Transfer from Sundry Receipts	52	5	4
				Interest	1	2	10
	£91	13	0		£91	13	0

ACCUMULATING ENDOWMENT FUND.

	£	s.	d.		£	s.	d.
March 31st, 1935—				April 1st, 1934—			
To Balance	292	0	7	By Balance	20	0	0
				March 31st, 1935—			
				By Transfer Ambury Bequest	264	3	4
				Interest	7	17	3
	£292	0	7		£292	0	7

AIM Ann Report
1934 to 1935

LIABILITIES.

GILBERT ARCHEY, Treasurer.

List of Benefactions
made to the
Auckland Institute and Museum
of an amount (or value) exceeding £50.

MONETARY GIFTS.

- 1876 Citizens of Auckland subscribed £2,026 towards first Museum building.
- 1878 Mr. J. C. Firth donated £106 for show cases.
- 1884 Mr. Edw. Costley bequeathed £12,150.
- 1887 Mr. David Nathan bequeathed £100.
- 1897 Mr. T. Russell donated £100 for geological specimens.
- 1901 Citizens of Auckland subscribed £1,000 for purchase of Mair collection.
- 1902 Mr. E. A. Mackechnie bequeathed £2,500.
- 1906 Citizens of Auckland subscribed £662 for purchase of Maori carved houses.
- 1911 Citizens of Auckland subscribed £684 for ancient Maori carvings.
- 1913 Sir John Logan Campbell bequeathed £1,000.
- 1921 Members of Institute subscribed £115 for pair of Temple Bronzes.
- 1923 Sir Wm. H. Herries bequeathed £1,000.
- 1924 Citizens of Auckland subscribed £698 for purchase of Maori collections.
- 1925 Members of Institute subscribed £100 for purchase of a Maori collection.
- 1926 Mr. David Goldie bequeathed £1,000.
- 1926 Sir James Gunson Presentation Committee presented £118 for purchase of Maori specimens.
- 1927 Mr. F. Shaw bequeathed £1,000.
- 1929 Mr. S. J. Ambury bequeathed £250.
- 1934 Mrs. R. M. Wilson: £50/10/-, given to establish the Sir Edwin Mitchelson Prize Fund.

SPECIMENS AND BOOKS.

- 1876 Mr. R. C. Barstow: Large collection of Maori articles.
- 1877 Mr. G. F. Edmonston: 564 volumes of scientific works.
- 1878 Mr. T. Russell, C.M.G.: 34 casts from the antique.

AIM Ann Report 1934 to 1935

- 1879-83 **Mr. J. T. MacKelvie:** 390 books and large ethnographical collection.
- 1887 **Mr. C. O. Davis:** Valuable Maori collection.
- 1901 **Mr. L. D. Nathan:** Japanese Shinto Shrine.
- 1913 **Mr. Henry Shaw:** 62 scientific books.
Mr. F. Shaw: 110 scientific books.
Hon. Sir Edwin Mitchelson: Valuable collection of Kauri Gum and Case.
- 1915 **Dr. C. E. R. Bucknill:** Collection of Old English Glass.
- 1916 **Mr. Henry Shaw:** Collection of Japanese art.
- 1917 **Miss Ruth Northcroft:** Large Maori and Polynesian Collection.
- 1919 **The Misses Yates:** Collection of Indian weapons.
- 1920 **Mr. James Dunning:** Collection of North American Mammals.
- 1921 **Mr. W. A. Aldred:** Valuable collection of Maori specimens.
Hon. J. B. Turner: Large and valuable Fijian ethnographical collection.
- 1923 **Mr. T. F. Cheeseman, F.L.S., F.N.Z.Inst.:** The Cheeseman Herbarium of native and foreign plants.
- 1924 **Mr. Wm. Sutherland, I.S.O.:** Melanesian ethnographical collection.
Mr. A. C. Caughey: Fijian and New Hebridean ethnographical collection.
Mr. R. A. Meek: Ethnographical specimens from Bismarck Group.
Messrs. Samuel Vaile & Sons: Large collection of Maori greenstone articles.
Sir Cecil Leys: and
Mrs. Selwyn Upton: The Edge-Partington ethnographical collection of over 2,000 specimens, given in memory of their father, Dr. T. W. Leys.
- 1925 **Mr. F. Crossley Mappin:** Valuable Maori and South Pacific exhibits.
- 1926 **Mr. Geo. F. Webster:** Valuable Maori antiquities.
Mr. H. R. Butcher: Collection of British coins.
Mrs. E. M. Ball: The Thos. Ball Zoological collection.
Mr. F. Crossley Mappin: Ancient Chinese ceramic specimens.
- 1927 **Mr. F. Crossley Mappin:** Valuable Maori carvings.
Mr. Moss Davis: Collection of valuable ethnographical specimens.
- 1928 **Sir Cecil Leys** and
Mrs. Selwyn Upton: Unique and richly carved feather box.
Mr. J. R. Adams Wilkes: Ethnographical collections from Nigeria and New Guinea.
Mr. Harry Kinder: The Dr. Kinder Collection—Maori and Melanesian.

AIM Ann Report 1934 to 1935

- Mr. E. Earle Vaile: Important collection of Maori stone carvings and collection of Eastern ethnographical specimens.
- Mrs. S. J. Lushington: Large and important collection of mollusca.
- 1929 Mr. T. H. Barstow: Maori canoe prows and stern posts.
Mr. W. R. McGregor: New Ireland carved memorial figures.
Mrs., Miss and Mr. A. N. Cooper: The Charles Cooper collection of mollusca.
Rev. W. H. Webster: Large collection of N.Z. and foreign mollusca.
Mr. C. E. Clarke: Large collection of N.Z. Insects.
Executors Mr. W. M. Cole: Collection of Stone and Bronze Age Artefacts.
Miss Webster and Mr. G. F. Webster: Water-colour drawings of the Solomon Islands.
- 1930 Mr. John Kenderdine: Large collection of books and pamphlets, including many rare works relating to the early history of New Zealand.
Mr. H. E. Vaile: Addition to the Vaile Collection of a large collection of selected Maori implements and greenstone ornaments.
Mr. Moss Davis: Selected Maori exhibits, including an old Maori model canoe; also porcelain and ivory exhibits.
Mr. L. J. Matthews: Two specimens of Moa eggs, one perfect and the other nearly so.
Dr. L. Cockayne, C.M.G., F.R.S.: A large collection of N.Z. Plants.
- 1931 Sir Cecil Leys and.
Mrs. Selwyn Upton: Valuable Maori antiquities; addition to the Dr. T. W. Leys Collection.
Mrs. S. J. Lushington: Collection of valuable Silver and Sheffield Plate.
Mrs. A. C. Lennard: A large collection of English porcelain.
- 1932 Mr. H. S. Dadley: Large and valuable collection of Oriental Arts.
Mr. Moss Davis: Collections of early British Gold and Silver Coins and of European Ivory Carvings and Bronzes.
Hon. Sir James Parr: Collection of Gold and Silver Mementoes of public events in New Zealand, together with case for their display.
- 1933 Vaile Collection: Additional gift of a large collection of valuable Maori antiquities.
Mr. W. Goodfellow: An extensive ethnographical collection from Northern Melanesia.
- 1934 Miss Eleanor Brown and Mrs. Geo. Brownlee: Collection of heirlooms of the Ngati-toa and Ngati-awa Tribes.
Messrs. R. B. and G. Matthews: The H. B. Matthews Herbarium.

GIFTS
TO THE
Library and Museum.

LIBRARY.

PERIODICALS.

- New Zealand Parliamentary Papers and Reports: Hansard, 1934; Monthly Abstract of Statistics, 1934; New Zealand Journal of Agriculture, 1934; Year Book, 1935.
Publications of the Free Library and Art Gallery, Auckland.
Journal of the Alpine Sports Club, Auckland.
Bulletins of the Auckland Society of Arts.
Fisheries Bulletins, The Marine Department, New Zealand.
Publications of the Auckland University College.
Publications of the Cawthron Institute, Nelson.
Bulletins of the Dairy Research Institute, New Zealand.
Bulletins of the N.Z. Geological Survey.
Publications of the Council of Scientific and Industrial Research, Wellington.
Bulletins of the Alexander Museum, Wanganui.
Bulletins of the New Zealand Libraries Association, Christchurch.
Records of the Canterbury Museum, New Zealand.
Memoirs of the Queensland Museum.
The Australian Zoologist.
Proceedings of the Linnean Society of New South Wales.
Bulletins and Reports of the Technological Museum, Sydney.
The Australian Museum Magazine.
Queensland Government Mining Journal.
Proceedings of the Royal Society of Queensland.
Publications of the Council of Scientific and Industrial Research, Melbourne.
Records and Memoirs of the Australian Museum.
Journal of the Royal Society of New South Wales.
Bulletins of the New South Wales Department of Agriculture.
Proceedings of the Royal Society of Victoria.
Memoirs of the National Museum, Melbourne.
Transactions and Proceedings of the Royal Society of South Australia.
Publications of the National Herbarium of Victoria.
Records of the South Australian Museum.
Proceedings of the Royal Society of Tasmania.
Transactions of the Fijian Society, Suva, Fiji.
Proceedings of the Linnean Society of London.
Publications of the Manchester Museum.
Proceedings and Reports of the Manchester Literary and Philosophical Society.
Kew Bulletin.
Quarterly Bulletins and Reports of the Leicester Museum and Art Gallery.
Publications of the National Museum of Wales.
Journal of the Marine Biological Association, Plymouth.
Transactions and Proceedings of the Royal Society of Edinburgh.

Proceedings and Reports of the Belfast Natural History and Philosophical Society.
 Reports of the National Museum, Dublin.
 Bulletins and Reports of the Valetta Museum, Malta.
 Publications of the Colombo Museum, Ceylon.
 Bulletins of the Zoological Survey of India, Calcutta.
 Bulletins of the Botanic Gardens, Singapore.
 Bulletins of the Raffles Museum, Singapore.
 Bulletin de la Soci  t   Etudes Oceaniennes, Tahiti.
 Annals of the Transvaal Museum.
 Annals of the Natal Museum.
 Annals of the South African Museum.
 Occasional Papers of the Rhodesian Museum.
 Bulletins of the Royal Ontario Museum.
 Transactions of the Royal Society of Canada.
 Bulletins and Reports, Department of Mines, Canada.
 Museum and Art Notes, Vancouver Scientific Association.
 Quarterly Reports of the Vancouver City Museum.
 Bulletins of the Royal Ontario Museum of Zoology, Toronto.
 Bulletins of the Royal Ontario Museum of Archaeology, Toronto.
 Proceedings and Transactions of the Nova Scotia Institute of Science.
 Bulletins of the Independent Biological Laboratories, Palestine.
 Memoirs, Bulletins and Occasional Papers of the Bishop Museum, Honolulu.
 Journal of the Pan-Pacific Research Institution, Honolulu.
 Pacific Affairs: Mr. Archey.
 Bulletins of the Pan-Pacific Union.
 The Volcano Letter: Hawaiian Volcano Observatory.
 Studies in Natural History, The University of Iowa.
 Publications of the Southwest Museum, Los Angeles.
 Occasional Papers: The University of Michigan.
 Proceedings and Bulletins of the United States National Museum.
 Bulletins and Circulars: United States Department of Agriculture.
 Publications of the Charleston Museum, South Carolina.
 Natural History and Reports, American Museum of Natural History.
 Publications of the Carnegie Institute.
 Publications of the Carnegie Institution of Washington.
 Publications of the San Diego Society of Natural History.
 Annual Report and Bulletins of the U.S. Bureau of Ethnology.
 Zoological, Geological, Anthropological and Botanical Series: Field Museum of Natural History.
 Journal of the Maryland Academy of Sciences.
 Publications of the Peabody Museum of Archaeology and Ethnology.
 Annals of the New York Academy of Sciences.
 Publications of the Chicago Academy of Sciences.
 Proceedings of the California Academy of Sciences.
 Publications of the University of California.
 Marine Biology: Stanford University, California.
 Bulletins of the California State Fisheries.
 Publications Biological Survey, The University of Oklahoma.
 Journal of the Arnold Arboretum.
 Proceedings of the Academy of Sciences, Philadelphia.
 Bulletins of the Wagner Free Institute of Science, Philadelphia.
 Meteorological Studies: The Observatory, Harvard University.
 Bulletins, Museum of Comparative Zoology, Harvard.
 Contributions from the Gray Herbarium of Harvard University.
 Publications of the State College of Washington.
 Publications in Oceanography: The University of Washington.

AIM Ann Report

1934 to 1935

Publications of the University of Pennsylvania, Philadelphia.
 Publications of the American Midland Naturalist, Indiana.
 Publications of the Hispanic Society of America.
 Annals of the Geological Institute of Mexico.
 Publications and Bulletins of the School of Mines, Buenos Aires.
 Annuaris Observatoris Nacional de Rio de Janeiro.
 Bulletins of the Museum of Natural History, Montevideo.
 Bulletins of the Laboratorio Zool. Gen. and Agraria, Portici, Italy.
 Publications of the Societa Toscana di Scienze Naturali, Pisa, Italy.
 Bulletins L'Institut Oceanographie, Monaco.
 Revista de la Academia de Ciencias, Madrid, Spain.
 Bulletins of the Zoological Society of France, Paris.
 Bulletins of the Museum of Natural History, Paris.
 Annales de la Societe Royal Zoologique de Belgique.
 Bulletins and Memoirs of the Royal Museum of Natural History, Bruxelles.
 Bulletins du Jardin Botanique de l'Etat, Bruxelles.
 Publications D'Océanographie Physique, Finland.
 Publications of the Danish Biological Station.
 Proceedings of the Rjks Ethnograph Museum, Leiden, Holland.
 Publications of the Adviser of Norwegian Fisheries, Bergen, Norway.
 Bulletins of the University Library, Uppsala, Sweden.
 Transactions of the Museum für Volkerkunde, Hamburg.
 Transactions of the Zoologische Staats-Sammlung, München.
 Publications of the Senckenbergischen Bibliothek, Frankfurt.
 Transactions of the Zoological Museum, Berlin.
 Bulletins of the Deutsche Entomologisches Institut, Berlin.
 Annales of the National Museum, Budapest, Hungary.
 Publications of the Warsaw Zoological Museum.
 Comptes Rendus de l'Académie des Sciences de l'U.S.S.R, Leningrad.
 Problems of Soviet Geology, Central Geological Library, Leningrad.
 Publications of the National Research Council of Japan.
 Publications of the Kyoto Imperial University, Japan.
 Publications of the National Geological Survey of China.
 Bulletins of the National Library of Peiping, China.
 Bulletins of the Science Society of China, Nanking.
 Bulletins of the Metropolitan Library, Pekin.

REPORTS.

Dominion Laboratory.
 Fisheries Reports, Wellington.
 Auckland Zoological Society.
 Auckland Acclimatisation Society.
 Wanganui Public Museum.
 The Canterbury Museum.
 The Fisheries of New South Wales.
 The Australian Museum.
 Department of Scientific and Industrial Research, Wellington.
 Geological Survey of Western Australia.
 Public Library and Museum, Victoria.
 Mappin Art Gallery, Sheffield.
 Stoke on Trent Museum.
 The Free Public Museums, Liverpool.
 Norwich Castle Museum.
 Public Libraries and Museum, Derby.
 The Egypt Exploration Society.
 Yorkshire Philosophical Society.
 City of Nottingham Museum.

Colchester and Essex Museum.
Queen Victoria Museum, Launceston, Tasmania.
National Museum of Ireland, Dublin.
Belfast Museum and Art Gallery.
The Rhodesian Museum.
John Crerar Library, U.S.A.
Carnegie Museum, Pittsburgh.
The American Museum of Natural History, New York.
National History Museum, Genève.

BOOKS.

- Mr. C. J. O'Keeffe: Foucher, History and Construction of the Violin; Knowles, Dramatic Works; Nicholson, Manual of Palaeontology; Bridges, History of French Literature; Coleridge, The Friend; Analytical Greek Lexicon; Arundell, Reminiscences of the City of London; Mantell, Wonders of Geology; Chatterton, Memorials Historical of Admiral Lord Gambier, 2 vols.; Hershel, Outlines of Astronomy; Teignmouth, Memoirs of the Life of Sir William Jones.
- Miss E. Brown: Robertson, A Short History of Freethought, 2 vols.; Laing, Modern Science and Modern Thought; Lubbock, On the Origin and Metamorphoses of Insects; "Te Manuwiri," Sketches of Early Colonization in New Zealand; Parts of the Polynesian Journal.
- Mr. H. R. Hyatt: Prout, Chemistry, and the Function of Digestion; Mantell, Petrifications and their Teachings; Whewell, Astronomy and General Physics; Woodhead, Bacteria and their Products; Thomson, The Evolution of Sex; Mantell, Medals of Creation, 2 vols.; Smith, Geological Science; Kirkby, Creation of Animals, 2 vols.; Staunton, Chess Players' Handbook; Richardson, An Introduction to Geology; Devey, The Physical and Metaphysical Works of Lord Bacon; Podmore, Apparitions and Thought-Transference; Langsbroth, The Honey Bee; Frankland, Agricultural Chemical Analysis; Cox, Elementary Chemistry; Robinson, Everyman's Wireless; James, Text Book of Psychology.
- Mr. Noventa: Kaltschmidt, Dictionary of the English and German Languages.
- Mrs. Gilbert Wilson: Curtis, Farm Insects; Palmer, English Past and Present: A Dictionary of Place Names.
- Mr. T. W. Mellor: Kirk, Student Flora of New Zealand.
- Mrs. John Kenderdine: Dutton, Earthquakes.
- Sir A. W. Hill: Hooker, Icones Plantarum, vol. 3, pp. 1 and 2.
- American Museum of Natural History: Matthew and Chubb, Evolution of the Horse; Old Civilization of Inca Land; Mead, Peruvian Art; Kroeber, Peoples of the Philippines.
- The Discovery Committee: Discovery Investigations, vols. 2-9.
- Mrs. Payne: The Canterbury Chronicle.
- Sir James Parr: The Great War, Isle of Man Roll of Honour.

GIFTS TO MUSEUM.

- Mr. William G. C. Aickin: Pair of duelling pistols.
- Mr. T. Albrecht: "Twenty-eight" Parrot.
- Mr. E. J. Allan: Specimens of *Paryphanta superba*.
- Dr. H. H. Allan: Various botanical specimens.
- Mr. H. Anderson: *Ko* from Hokianga.
- Master R. Anderson: Stone adze from Parnell.

AIM Ann Report

1934 to 1935

- Anonymous: Turkish Medal; stone adze from Te Kuiti.
 Mr. W. P. Anso: Fossil coconuts from Mangonui.
 Mr. J. E. Attwood: Wooden flute from Kaetihi; five stone adzes from Ohakune.
 Auckland Acclimatisation Society: Two Black Teal.
 Auckland Zoological Park: Egg of Laughing Thrush; African Weaver Finch.
 Mrs. F. J. Bankart: New Zealand and Tasmanian tokens.
 Mr. C. Alma Baker, C.B.E.: Fernroot beater from Limestone Downs.
 Mr. Geo. Barker: Five plaited Tambua cords from Fiji.
 Mr. F. W. Bartlett: Two Maori adzes: deposited.
 Mrs. E. Bathgate: Pair of lizards from Titirangi.
 Mr. A. A. Beagle: Fossil shark tooth from Glen Murray.
 Mr. A. G. Bennett: Collection of foreign mollusca.
 Mr. A. Blomfield: Stone neck pendant from Mangawai.
 Mr. H. Bolitho: Ethnographical specimens from Waiuku and Santa Cruz; silicified wood from Mercury Bay.
 Mrs. E. B. B. Boswell: Portrait of Baron von Mueller; negatives of West Coast; pewter candlestick; ethnographical specimens; collections of N.Z. and foreign mollusca and mineral specimens.
 Boys' Ethnology Club: Lower jaw and associated bones of tuatara, stone adze and fragment of cut bones from Maori Bay, Muriwai.
 British Museum: Three Maori weapons and two adzes; collection of antiquities from Iraq.
 Mr. H. Broomfield: Ethnographical specimens from Whitford; old musket and cutlass.
 Mr. W. R. Broughton: Stone adze and carved bone bird spear point.
 Miss Eleanor Brown and Mrs. Geo. Brownlee: Collection of Ngatiawa and Ngatitooa tribal heirlooms; official seal of "The Maori Record."
 Mr. L. T. Brown: Wandering Albatross and Diving Petrel.
 Mr. T. H. Brown: Ration book issued during the War.
 Master W. E. Browne: Large partly polished stone, from Karekare: deposited; Chatham Is. Mollymawk.
 Mrs. A. Buchanan: Ostrich egg.
 Miss L. M. Buchanan: Cock Redpoll.
 Mr. Malcolm Buckland: Ethnographical specimens from Kaipara.
 Mr. H. D. Buddle: Specimen of *Squilla nepe*.
 Rear-Admiral F. Burges-Watson, D.S.O., R.N.: Ancient Greenstone *heiti*.
 Mr. D. M. Campbell: Three Burmese Buddha from Rangoon: deposited.
 Mrs. J. P. Campbell: Brazilian Tanager; Sydney Waxbill; Bischoff's Finch.
 Mr. G. H. Cates: *Patu tuna* from Whangamarino.
 Mr. B. L. Chambers: Collection of negatives of Natural History subjects: deposited.
 Mrs. Guv Cheeseman: Collection of ethnographical specimens.
 Mr. E. O. Chivers: Fijian pottery water vessel.
 Dr. A. G. Clark: Specimens of mountain snail.
 Mr. B. F. Clark: Collection of North American Indian articles: deposited.
 Mr. C. Clarke: Fernroot beater from Waingakau.
 Mr. G. L. Clark: Ethnographical specimens and a sword.
 Mr. E. Archer Clive: War buttons and tokens.
 Mr. R. E. Clouston: Specimens of new species of mountain snail.
 Lieut.-Col. G. W. Cockroft: Aeroplane photograph of Le Quesnoy.
 Mr. Jack Cole-Baker: Grooved sinker and stone flax-beater from Port Waikato.
 Mrs. J. W. Coleman: Collection of ethnographical specimens.

- Father G. Colgan: Piece of carved bone from Henderson.
Mrs. Colley: Diving Petrel.
Colonial Sugar Refining Co.: Three varieties of sugar cane from Fiji.
Commissioner of Parks, Toronto: Collection of heads of Canadian big-game animals.
Mr. F. L. Connolly: Skull of Dolphin.
Mr. A. A. Corban: Specimens of grape vines.
Mr. Nicholas Corvich: Two specimens of norite from Ahipara.
Mr. Cotterel: Dragon fly.
Mr. E. Couldrey: Ethnographical specimens; small stone adze: deposited.
Mr. J. K. Cousins: Vase, silver tea set and snuff bottles from China: deposited.
Mrs. Constance E. Cox: Golden Peace number of "Daily Mail."
Mr. C. E. Crapp: Maori food bowl.
Madame Creugnet: Specimens of Maori plaiting and weaving.
Mr. W. J. Crowther: Virginian Cardinal; Abyssinian Starling.
Captain E. J. Cullen: Collection of insects and spiders.
Crew of Launch "Curlew": Collection of inter-tidal seaweeds.
Mr. W. C. Davies: Portion of human skull from Waiheke Island.
Mr. Bertram Dawson: Full dress uniform of 18th Royal Regiment of Ireland; Maori War medal.
Dr. G. de Clive Lowe: German Imperial Ensign; Chinese official's dress; microscope slides and lanterns slides; and collections of ethnographical specimens.
Mr. L. W. Delph: Specimens of *Placostylus hongii*.
Mr. Denton: Persian dagger with black horn hilt.
Mr. J. E. Dicketts: Sealed end of first cable from Vancouver Island to Fanning Island.
Mr. L. T. Donaldson: Collection of seaweeds from Opuā; specimen of *Squilla nepa*.
Messrs. Doulton and Co. Ltd. and Mr. John Shorter: Terra cotta panel by Geo. Tinworth and four vases of earliest Doulton saltglaze ware.
Mr. L. J. Dumbleton: Botanical specimens from Travers Valley.
Mr. E. A. Dutton: Portion of fabric from Baron Richtofen's aeroplane.
Mrs. H. W. Fell: Two ceremonial dresses from Lifuka, Tongan Islands.
Mr. C. W. Firth: Collection of geological specimens.
Feron's Fisheries: Two specimens of *Leptocephalus verreauxi*.
Mrs. Eleanor Flynn: Large collection of New Zealand Mollusca.
Mrs. Forbes: Two specimens of ground shark's eggs.
Mrs. Les. Ford: Collection of Rarotongan mosses.
Mr. J. J. Fougere: Ethnographical specimens from Chatham Islands.
Mrs. C. E. Franich: Stone adze from Mangawai.
Dr. O. H. Frankel: Specimens of wheat.
Mr. A. L. Fraser: Collection of tertiary mollusca.
Mr. E. T. Frost: Collection of Moa remains from Doubtless Bay; ethnographical specimens.
Master Lincoln Frost: Leg-bones of moa chick, collection of sub-fossil bird remains from Doubtless Bay.
Mrs. C. W. Garrard: Ethnographical specimens.
Mr. C. Geissler: Eggs of Australian magpie and Grey Warbler.
Mr. H. W. Geoghegan: Two Opium Pipes from Penang.
Miss E. M. L. Gibbons: Ethnographical specimens; deposited.
Mrs. T. Harle Giles: Two old newspapers containing historical events.
Mr. Bruce Gilfillan: Male puriri moth.
Mr. S. C. Gilfillan: Parrot Finch.
Mr. L. Gledhill: Fossil Turtle's egg.
Mr. A. D. Goodall: Two grooved sinkers.

AIM Ann Report

1934 to 1935

- Mr. N. H. Goulstone: Collection of mollusca.
 Mr. A. F. Graham: Collection of Rarotongan mosses.
 Mr. G. M. Graham: Kumara weeder: deposited.
 Mr. Geo. Graham: Ethnographical specimens.
 Mr. J. Graham: Lower jaw of whale, *Paieka hectori*; Collection of plants from Cook Islands: deposited.
 Mr. K. S. Graham: Collection of fishes and mollusca from Rarotonga.
 Mr. A. C. Morcom Green: Costume of Christ's Hospital.
 Rev. J. L. Greer: Double coconut.
 Mr. Lance D. Haggett: Collection of seaweeds from Wellington.
 Mr. W. M. Hamilton: Map of Little Barrier Island.
 Mr. J. E. Hammond: Jaws of Port Jackson shark.
 Mrs. J. Hanna: Four birds' eggs.
 Wi Whangaroa Hapeta: *Hoe* or paddle.
 Mr. Harper: Grey-faced Petrel.
 Mr. C. Harris: German letter card and seal.
 Mr. T. R. Harris: Two snakes from Queensland; collection of mollusca and seaweeds.
 Mr. Percy Harrison: Kookri from Nepal.
 Mrs. R. H. Harrison: Collection of mollusca from Stewart Island.
 Misses Pat. and Joan Hastings: Specimen of *Muraenichthys breviceps*; ghost moth from Orewa.
 Miss Hawken: Foetal tooth from whalebone whale and stone *toki*.
 Mr. P. H. Hayward: Cinema film of Maori reception to H.R.H. the Prince of Wales at Rotorua.
 Mr. Claude W. Heather: Collection of kauri gum.
 Mr. J. Henshelwood: Specimens of land snails from Canterbury.
 Mrs. H. R. Hesketh: Stone sinker found in Gillies Avenue.
 Mr. R. Hetherington: Fossil portion of extinct turtle.
 Miss E. C. High: Memento of King George V.'s coronation.
 Mr. H. Geo. Hirtzel: Two South African War maps and memorial scroll.
 Mr. W. P. J. Hodgkins: Great War souvenirs.
 Mr. J. Holden: Hill-myna from S. India.
 Mr. C. H. Holland: Fossils from Otago and Hawke's Bay.
 Mrs. R. Holmes: Collection of ethnographical specimens.
 Mr. F. R. Husband: Female puriri moth.
 Mr. G. Rowland Hutchinson: Rock Parrot, Bullock's Oriole, Rufus Bellied Minivet.
 The Imperial War Museum: Union Jack from Cenotaph, London.
 Mr. A. L. Ironmonger: Masked Finch.
 Mr. J. Jansen: Godwit.
 Mr. Hallyburton Johnstone: Ethnographical specimens: deposited; three kiwis; two ethnographical specimens.
 Mr. A. Johnson: Stone chisel from Kaiwaka.
 Mr. G. Jones: Abnormal duck egg.
 Master Ronald Keat: Young pukeko.
 Miss K. Keesing: Tortoiseshell and Capercailzie feather fan; tortoiseshell rimmed lorgnette.
 Mrs. J. Kenderdine: Japanese mariners' compass; Herbarium of Medicinal Plants (2 vols.); specimen of *Lysiosquilla spinosa*.
 Miss E. F. Kibblewhite: Collection of fresh-water mollusca from India.
 Professor C. R. Knight: Ancient Egyptian necklace.
 Mr. R. M. Laing: Eight sheets of red algae.
 Mr. T. de C. Lambert: Ethnographical specimens.
 Mr. V. J. Lerner, M.B.E.: Chinese carved ivory hand-rest.
 Mr. Charles Larsen: Geological specimen.
 Mr. C. R. Laws: Collection of Tertiary mollusca.

- Mr. C. E. Leven: Hide whip; locket of pearls and hair.
Mr. W. Long: Moa cropstone.
Mrs. J. E. Long: Korowai cloak and piupiu.
Mr. F. J. Lowther: Specimens of quartz and gold.
Mr. A. G. Lunn: Samples of fire-clay; geological specimens and fossilized kauri gum; stone adze from Kaihu Valley; moa gizzard stones; fossil mollusc; specimens of peacock coal.
Mr. H. A. Lurman: *Patu tuna* from Otorohanga.
Mr. R. J. Lusher: Four pieces of kauri gum on wood.
Mr. F. Crossley Mappin: Large *waka kereru* from Te Whaiti.
Mr. A. S. Martin: Specimens of seaweed.
Mrs. E. A. Matthews: Copy of "Mafeking Mail," 1899.
Mrs. L. Matthews: Painting of *Fitchia speciosa*.
Mr. H. E. Maude: Collection of ethnographical specimens from Gilbert Islands.
Mr. Selwyn Mays: Hydrostatic valve of German mine.
Mr. A. D. Mead: Section of steel pipe used for water-supply from Auckland to Birkenhead, and maps showing Maori place names at Whangaruru and National Park.
Mrs. C. M. Mellsopp: Pair of Florentine vases and Kashmir shawl.
Sir Edwin Mitchelson: Case of kauri gum.
Mrs. Moffat: Fragment from bow piece of canoe.
Mr. Jack Moir: Two swords from Palestine.
Miss Pamela Montague: Collection of mollusca from Fanning Island.
Mrs. J. Morris: Greenstone adze; deposited.
Mrs. M. Mouat: Collection of shells from Fiji.
Mr. E. J. Munro: Wooden bowl from Tauranga; deposited.
Mr. G. C. Munro: Two Hawaiian birds.
Mr. G. J. McInnes: Dove Petrel.
Mr. K. McInnes: Yellow lizard.
Mr. A. D. McKinnon: Specimens of *Cassytha paniculata*.
Mr. McMurtrie: Specimen of worm eel.
Mrs. O. E. Neilson: Tapa beater.
Mr. F. W. Nelson: Pompom shell used in South African War.
Mr. Geoff. Nevill: Wooden fernroot beater; collection of ethnographical specimens.
Mr. New: Dove petrel.
Mr. F. Newell: Albino godwit; two godwit in breeding plumage.
Mr. A. D. Nicholson: Two obsidian hand knives.
Mr. A. C. O'Connor: Three fluttering shearwater; pair of hedge sparrows; Chatham Islands Weka, and collection of Buprestid beetles from Australia.
The Officers' Club: Collection of Melanesian ethnographical specimens; deposited.
Miss Coreen Ogston: Collection of botanical paintings.
Mr. C. J. O'Keeffe: Set of classic engravings. Military vocabulary for Turkish and Greek.
Mr. J. O'Neill: Water-goggles for *Trachus* fishers, and collection of foreign mollusca; gourd from Santa Cruz and plaited ball from Reef Islands.
Mr. O'Neill: Maori stone adze.
Mr. T. W. Page: Powder horn and two stone adzes.
Mr. C. Parks: Ivory seal.
Mr. P. R. Parr: Life History of Offal Beetle, *Dermestes vulpinus*.
Mr. C. Parsons: Piece of kauri resin.
Mr. Payne: Specimen of horn-tail wasp.
Master Selwyn Phillips: Large *oneva mere*.
Mr. N. R. Porter: Specimen of sea-horse.

AIM Ann Report

1934 to 1935

- Mr. S. D. Potter: Long-tailed grass finch.
 Mr. Norman Potts: Several botanical specimens from Opotiki.
 Mr. A. Powell: Old silver coin.
 Mr. Wm. Powell: Bullet from Blockhouse Bay.
 Mrs. Thirza Pratt: Two Chinese ivory fans, shell-cameo brooch and pair of whist markers.
 Mr. F. S. Proctor: Specimen of *Cristiceps aurantiacus*.
 Pukekohe Borough Council: Liane of *Parsonia heterophylla*.
 Mr. W. Pulham: Several ethnographical specimens and an old globe in case made about 1744.
 Mr. A. T. Pycroft: Piece of petrified wood; stone adze; three eggs of *Ducorpius ducorpii*; specimen of *Pleurodonte acuta* from Jamaica.
 Mr. G. Redfern: Three tree gecko lizards.
 Returned Soldiers' Association: Wreath placed on Cenotaph by H.R.H. the Duke of Gloucester.
 Mr. R. T. Reynolds: Small collection of mollusca from Tierra del Fuego.
 Mr. J. D. Richardson: Stone adzes.
 Mrs. A. B. Robertson: Collection of ethnographical specimens.
 Mr. C. V. Roberts: *Taruke koura*, or crayfish-pot.
 Mr. C. H. Robinson: Specimens of *Phillipa radiata*, *Architectonica reevei* and *Janthina violacea*.
 Master John Ronaldson: Collection of grasses.
 Miss H. Ross: Collection of Pitcairn Island plants; stone adze.
 James Royce and Co.: Tea samples and photographs of Ceylon plantations: deposited.
 Mr. E. Rugg: Stone hammer from Otahuhu.
 Mrs. W. Rutherford: Black backed gull from Howick.
 Mr. J. S. Ryan: Two adzes from Otahuhu.
 Mrs. F. W. Sanderson: Collection of mollusca.
 Mrs. E. E. Saunders: Stone chisel from Pitcairn Island.
 Mr. E. G. Scott: Copy of "Pretoria Friend," 1900.
 Captain Sergeant: Chart of Harbour Board signals on Mt. Victoria.
 Mr. M. Sheeran: *Ko* from Maungatangi.
 Mr. Skeates: Tui's nest with remains of egg and young destroyed by rats.
 Mr. Shepherd: Green and blue budgerigars.
 Mr. R. H. Sheppard: Several ethnographical specimens from Tairua.
 Mr. G. G. Shierlaw: Two medals and snakebite curing outfit.
 Ven. Archdeacon Simkin: Two old English document stamps and impression of an old seal.
 Mr. R. C. Simmonds: Fossil sea-urchin spines.
 Mr. Bernard Sladden: River-worn stone (Andesite).
 Mr. A. Smallholme: Specimens of *Paryphanta unicolorata*.
 Captain J. F. Smeltzer: Snowy albatross.
 Mr. C. T. Smith: Double-ended implement from Rangitaiiki River.
 Hon. Mr. Justice Smith: Piupiu: deposited.
 Miss M. Smith: Set of Auckland tradesmen's tokens.
 Southland Museum: Skins of native birds from Southland.
 Mr. L. W. Stack: Samples of Tertiary mollusca from Victoria.
 Mr. E. F. Stead: Pair of Paradise duck, nests and eggs of native and introduced birds.
 Mr. L. Stead: Manganese from Mangawai.
 Miss Stennett: Collection of silver and pottery articles.
 Miss W. A. St. Paul: Limerick lace shawl: deposited.
 Mrs. D. Strang: Two porcelain figures: deposited.
 Mr. A. E. Strong: Company Runner's armband. 1st Battalion. N.Z. Rifle Brigade.

- Mr. Norman H. Taylor: Pumice specimens from "Burrell's Shower."
 Mrs. Hugh Thompson: Red Phalarope.
 Mr. J. Thompson: Carved *mutu kaka*.
 Mr. M. A. Thompson: Numerous fossils from Karamea district; fossil moa bone.
 Mr. M. A. Tilby: Specimen of *Squilla nepa* from Kaipara; tertiary fossils from Kaipara.
 Mr. Laurence A. Tracy: Concretion of Barytes.
 Captain G. M. Turner: Specimens of *Raoulia Goyeni*.
 Mr. Usher: Stone adze from Rarotonga.
 Vaile Collection: Old brass candlestick; large *ko* from Kaitaia; ancient jade buckle.
 Mr. E. E. Vaile: Natural history specimens.
 Rev. A. H. Voyce: Collection of mollusca from Solomon Islands.
 Mr. H. B. Wagener: Specimens of *Pseudechinus grossularia*.
 Mr. W. T. F. Walker: Four-barrelled pistol.
 Mr. Wm. H. Walsh: Stone adze and five coins.
 Mr. A. Warburton: Scotch farthing and collection of bronze and silver coins.
 Mr. Watson: Fluttering shearwater.
 Mr. A. H. Watt: Skins of N.Z. birds.
 Mr. R. J. Webb: Specimen of great skate.
 Mr. T. J. Welch: German bayonet and two grenades.
 Mrs. W. E. Wellm: Specimen of *Paryphanta busbyi*.
 Mr. Hugh Whitwell: Collection of Tertiary fossils from Kawhia.
 Mr. H. B. Williams: Small collection of mollusca; ethnographical specimens from New Zealand and Chatham Islands.
 Mr. Lynton Williams: Polished stone adze.
 Mr. W. E. Williams: Young shining cuckoo.
 Mr. A. E. Wilson: Two Monarch butterflies.
 Mr. J. S. Wilson: Ethnographical specimens.
 Major R. A. Wilson: Penguin destroyed by oil waste, and two dove petrels.
 Miss G. Wright: Australian Galah.
 Mr. Wright: Four coins.
 Mr. F. Young: Collection of seaweeds.

AIM Ann Report 1934 to 1935

Members of the Auckland Institute.

(Members are requested to advise the Secretary of any change
of Address)

HONORARY LIFE MEMBERS.

Sir Cecil Leys

Mr. H. E. Vaile.

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Alison, Ernest.
Alison, E. W.
Ambury, J.
Anderson, E.
Andrews, F. N.
Archey, Gilbert, M.A., F.Z.S.,
F.R.S.N.Z.
Astley, Frank E.

Baildon, George.
Bartlett, W. H.
Bartrum, Professor J. A., M.Sc.,
F.R.S.N.Z.

Baxter, T. N.
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Browne, Miss L. M.
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Buddle, H. D.
Buttle, R.

Caldwell, D. R.
Catchpole, J.
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Clayton, D. L.
Clinch, Dr. J. A.
Coakley, L. J.
Coates, Sir James.
Combes, F. H.
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Court, A. H.
Cousins, H. G., M.A.
Craig, E. A.
Craig, J. C.
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Crookes, Miss M. W., M.A.
Crookes, S. Irwin.

Dearsley, H. P.
De Courcy, Dr. Grace.
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Dignan, F. J.
Donald, J. B.
Drier, Dr. E.
Duthie, N. A., D.S.O.

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Edmiston, P. A.
Elliot, Sir George.
Endean, W. P., LL.B., M.P.
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Ewen, J. F. A.

Fairclough, Dr. W. A.
Falla, R. A., M.A.
Firth, R. W., M.A., Ph.D.
Fleming, G. H.
Fletcher, J.
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AIM Ann Report 1934 to 1935

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AIM Ann Report 1934 to 1935

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AIM Ann Report 1934 to 1935

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AIM Ann Report 1934 to 1935

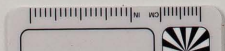
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AIM Ann Report 1934 to 1935

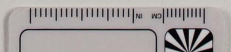
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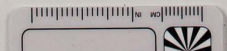
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1934 to 1935



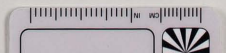
AIM Ann Report
1934 to 1935



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1934 to 1935



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1934 to 1935



AIM Ann Report
1934 to 1935

